I DT03 Rec'd PCT/PT0 1 2 OCT 2004 EXPRESS MAIL LABEL NO. EV514604892US DATE OF DEPOSIT: OCTOBER 12, 2004

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371  INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 15 April 2003  INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 15 April 2003  PRIORITY DATE CLAIMED 16 April 2002  TITLE OF INVENTION ENHANCEMENT OF HEMATOPOLETIC STEM CELL SURVIVAL APPLICANTIS, FOR DO/EO/US William H. Fleming and Bei Li Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.  This is a nexpress request to begin instinual examination procedures (35 U.S.C. § 371(6) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(6) and CT Articles 2 and 39(1).  Applicant of the International Proliminary Examination was made by the 19th month from the earliest claimed priority date.  Solven and the international Application as filed (35 U.S.C. § 371(c)(2))  a. Is transmitted herewith (required only if not transmitted by the International Bureau).  b. Das been transmitted by the International Bureau.  c. Das not required, as the application was filed in the United States Receiving Office (RO/US).  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).  a. The area transmitted by the International Bureau.  c. Das not been made, however, the time limit for making such amendments has NOT expired.  d. Not have not been made, however, the time limit for making such amendments has NOT expired.  d. Not have not been made, however, the time limit for making such amendments has NOT expired.  d. Not be an one to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).  9. A Declaration of Inventorship from the inventors (1 page) and Power of Attorney (2 pages).  10. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).  For the provided of the	FORM PTO-1390 U.S. DEPARTMENT OF			OMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER									
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 15 April 2003  INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 15 April 2003  INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 16 April 2002  TITLE OF INVENTION ENHANCEMENT OF HEMATOPOIETIC STEM CELL SURVIVAL APPLICANT(S) FOR DOJEOUS William H. Fleming and Bei Li  APPLICANT(S) FOR DOJEOUS William H. Fleming and Bei Li  This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.  This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.  This is a suppress request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(o) and PCT Articles 22 and 37(1).  A copy of the International Preliminary Examination was made by the 19th month from the earliest claimed priority date.  A copy of the International Application as filed (35 U.S.C. § 371(c)(2))  A copy of the International Application as filed in the United States Receiving Office (RO/US).  A translation of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))  A translation of the International Application into English (35 U.S.C. § 371(c)(2)).  A mendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3))  a are transmitted by the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).  A peach reason that the exercise of the International Bureau.  c. have not been made and will not be made.  A translation of the annexes to the International Bureau.  A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).  Items 11. to 16. below concern document(s) or information included:  11. An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.  12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal	TR	AN	SMITTAL LETTER	899-64967-07										
INTERNATIONAL APPLICATION NO.		DE	SIGNATED/ELECTE	D OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5)									
TITLE OF INVENTION  ENHANCEMENT OF HEMATOPOIETIC STEM CELL SURVIVAL  APPLICANT(S) FOR DO/EO/US  William H. Flerning and Dei Li  Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  1.	C	ON	CERNING A FILING	10/511233										
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2.	_													
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time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1).  4.	2.		This is a SECOND or SUBS	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.										
priority date.  5.	3.	⊠	time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C.											
a.	4.													
b.	5.	$\boxtimes$	A copy of the International A	pplication as filed (35 U.S.C. § 371(c)(2))										
c.			a. 🛛 is transmitted herewith	(required only if not transmitted by the International Bu	ureau).									
<ul> <li>6.  ☐ A translation of the International Application into English (35 U.S.C. § 371(c)(2)).</li> <li>7.  ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) <ul> <li>a.  ☐ are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b.  ☐ have been transmitted by the International Bureau.</li> <li>c.  ☐ have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d.  ☐ have not been made and will not be made.</li> </ul> </li> <li>8.  ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).</li> <li>9.  ☐ A Declaration of Inventorship from the inventors (1 page) and Power of Attorney (2 pages).</li> <li>10.  ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).</li> <li>Items 11. to 16. below concern document(s) or information included:</li> <li>11.  ☐ An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.</li> <li>12.  ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 is included.</li> <li>13.  ☐ A FIRST preliminary amendment.</li> <li>☐ A SECOND or SUBSEQUENT preliminary amendment.</li> </ul>			b.  has been transmitted by	the International Bureau.										
<ul> <li>7.</li></ul>			c. 🔲 is not required, as the a	pplication was filed in the United States Receiving Offi	ce (RO/US).									
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	13	. 🛛	A FIRST preliminary amendme	nt										
14. A substitute specification.			A SECOND or SUBSEQUEN	Γ preliminary amendment.										
<del>-</del> -	14.	. 🗆	A substitute specification.											
15. A change of power of attorney and/or address letter.	15		A change of power of attorney a	nd/or address letter.										
16. \( \square\) Other items or information:	16	. 🛛	_											
<ul> <li>☒ Abstract on a separate page.</li> <li>☒ International Search Report.</li> </ul>														
☐ International Preliminary Examination Report.			☐ International Preliminary Ex	samination Report.										
<ul> <li>✓ A diskette containing an electronic copy of a sequence listing.</li> <li>✓ Paper copy of a sequence listing (5 pages).</li> </ul>														
Statement in Compliance verifying identity of the sequence listing copies.														

EXPRESS MAIL LABEL NO. EV514604892US DATE OF DEPOSIT: OCTOBER 12, 2004

U.S. APPLIC	TIONNO (III	wn seed	7072.5.55	PCT/US03/11649			ORNEY'S DOCKET 0-64967-07	NUMBER			
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Internand a	national Prelimin Il claims satisfie	nary Ex d prov	camination fee pa	aid to USPTO (37 C.F.R. § 1 ticle 33(1)-(4)	1.482) \$1 <b>00.00</b>						
				PROPRIATE BASIC		\$	750.00				
				or declaration later than (37 C.F.R. § 1.492(e)).	20 30	\$					
	CLAIMS NUMBER FILED			NUMBER EXTRA	RATE						
Total c	laims		48 - 20 =	28	x \$18.00	\$	504.00				
	ndent Claims	-	8 - 3 =	5	x \$88.00	\$	440.00				
MULT	IPLE DEPEND	ENT C	CLAIM(S) (if ap	plicable)	+ \$230.00	\$	0.00				
			TO	TAL OF ABOVE CA	ALCULATIONS =	\$	1,694.00				
⊠ Re	duction of 1/2 for	or filin	g by small entity	. Small entity status is clain	ned for this application.	\$	847.00				
,	-				SUBTOTAL =	S	847.00				
Process	sing fee of \$130	.00 for	furnishing the E	nglish translation later than		\$					
Month	s from the earlie	st clair	ned priority date	(37 C.F.R. §§ 1.492(f)).	+	\$	847.00				
Fee for	TOTAL NATIONAL FEE =  Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be										
accom	panied by an ap	огоргіа	te cover sheet (3	7 C.F.R. §§ 3.28, 3.31). \$40	0.00 per property. +	\$					
				TOTAL FE	ES ENCLOSED =	\$	847.00				
							REFUND →	<u>\$</u>			
							CHARGE $\rightarrow$	\$			
a. 🛚	A check in the	amou	nt of \$ <u>847.00</u> to	cover the above fees is encl	losed.						
ъ. 🗖	Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.										
c. 🛛	The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u> . A duplicate copy of this sheet is enclosed.										
d. 🛭	Please return t	Please return the enclosed postcard to confirm that the items listed above have been received.									
NOTE:				nder 37 C.F.R. $\S$ 1.494 or $\S$ restore the application to	1.495 has not been met, a p pending status.	etition	to revive (37 C.	F.R. § 1.137(a)			
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SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH							3-1				
CUSTOMER NUMBER 24197  Susan Alpert Siege							D				
	KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600										
121 S.W. Salmon Street Portland, OR 97204-2988 REGISTRATION							NUMBER				
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